

ABSTRACT

With respect to a first wireless transmit/receive unit (WTRU), at least one WTRU near the periphery of other cells is determined. Out of the at least one WTRU near the periphery, at least one WTRU nearby that WTRU is determined. The first WTRU codes are provided of the at least one nearby WTRU. A contribution of the at least one nearby WTRU is canceled from a received signal at a first WTRU, producing an interference canceled signal. Data of the first WTRU is detected from the interference canceled signal.